



ATTORNEY'S DOCKET NO.

DECLARATION AND POWER OF ATTORNEY - ORIGINAL APPLICATION	l
--	---

As a below maned inventor, I hereby declar	e that:
--	---------

My residence, post office address and ultisenship are as stated below ment to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which

is claimed and for	Apricy a beteat is southt on the	farestion entitled	·
FUEL CELL AND	SEPARATOR FOR THE SAME		
the specification	of which		
(check one)			

X is attached bereto.

was filed on as Application Serial Bo. \_

(if applicable). no bebness

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, \$1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, \$119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate baving a filing date before that or the application on which priority is claimed:

PRIOR POREIGE APPLICATION(S)

. COUNTRY	APPLICATION NUMBER	(day, month, year)	(day, month, year)	UNDER 35 USC 118
Japan	09-365129	18/12/1997		Ø YES □ NO
	10-100453	27/3/1998		M AE# □HO
Japan	10-189926	18/6/1998		NYES   NO
Japan	10-103320			

I hereby claim the benefit under Title 35, United States Code, \$120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, \$112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, \$1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

APPLICATION NO.	FILING DATE (day, month, year)	STATUS (1.e. Patented, Fending, Abandoned)

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this polication and transect all business in the Patent and Trademark Office connected therewith. (Itel name and registration number)

> Edward W. Greason, Esq. Reg. No. 18,918

BEND CORRESPONDENCE TO:

KENYON & KENYON One Broadway New York, New York 10004 DIRECT TELEPHONE CALLS TO: (name and telephone number)

Edward W. Greason (212) 425-7200 X108

(continued)

**BEST AVAILABLE COPY** 

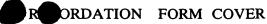
	FULL NAME	PAMILY HAME	FIRST GIVEN HAME	SECOND GIVEN NAME
	OF	Tungo	Masayoshi	
	INVENTOR	1 EITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
8	RESIDENCE &	Anjo-shi	Aichi-ken	Japan
r	<b></b>	POST DEFICE ADDRESS		Aichi-ken, 4/1-85/1
1	ADDRESS	č76 TOYOTA JIDOSHA KA 1., Toyota-cho	Toyota-shi	Japan
-	FULL NAME	FAMILY NAME	FIRST GIVEN NAME	BECOND GIVEN NAME
1	OF	Hamada	Hitoshi	<u></u>
L	INVENTOR	-	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
Æ	RESIDENCE &		Shizuoka-ken	Japan
7	l	Susono-shi	* * · · ·	LYAYE A ZIP CODE/COUNTRY
1	POST OFFICE	c/o TOYOTA JIDOSHA K 1. Toyota-cho	ABUSHIKI KAISHA	Aichi-ken, 471-8571 Japan
_		1 Toyota-cho	PIRET GIVEN NAME	SECOND GIVEN NAME
ı	FULL NAME			[
1.	INVENTOR	Kawatsu	Shigeyuki	COUNTRY OF CITIZENSHIP
R	RESIDENCE &	1	Aichi-ken	Japan
<b>F</b>	CITIZENSHIP	Nishikamo-gun	AICH - Keil	Aichi-Ren, 471-8571
	POST OFFICE	c/o TOYOTA JIDOSHA KA Toyota-cho	BUSHIKI KAISHA	Japan
	ADDRESS		10yota-siii	SECOND GIVEN NAME
	FULL NAME	PAMILY NAME	FIRST GIVEN NAME	
		Mizuno	Seiji	COUNTRY OF CITIZENSHIP
24	INVENTOR RESIDENCE &	Mizuno ENY	Seiji STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
204	INVENTOR	Mizuno Env Toyota-shi	Seiji STATE OR FOREIGN COUNTRY Aichi-ken	COUNTRY OF CITIZENSHIP Japan
204	INVENTOR RESIDENCE & CITIZENSHIP POST OFFICE	Mizuno Env Toyota-shi	Seiji STATE OR FOREION COUNTRY Aichi-ken SUSHIKI KAISHA	Japan  STATE A ZIP CODE/COUNTAY Aichi-ken, 471-8571
204	INVENTOR RESIDENCE & CITIZENSHIP POST OFFICE ADDRESS	Mizuno  Toyota-shi  O TOYOTA JIDOSHA KA 1, Toyota-cho	Seiji  STATE OR FOREIGN COUNTRY  Aichi-ken  SUSHIKI KAISHA Toyota-shi	Japan  Tati Sir Cool Country  Aichi-ken, 471-8571  Japan
204	INVENTOR RESIDENCE & CITIZENSHIP POST OFFICE ADDRESS FULL NAME	Mizuno  Toyota-shi  Toyota-shi  O'O TOYOTA JIDOSHA KA  1. Toyota-cho  FAMILY NAME	Seiji  STATE OR FOREIGN COUNTRY Aichi-ken SUSHIKI KAISHA Toyota-shi FIRST GIVEN NAME	Japan  STATE A ZIP CODE/COUNTAY Aichi-ken, 471-8571
	INVENTOR RESIDENCE & CITIZENSHIP POST OFFICE ADDRESS	Mizuno  Toyota-shi  O TOYOTA JIDOSHA KA 1, Toyota-cho	Seiji STATE OR FOREIGN COUNTRY Aichi-ken SUSHIKI KAISHA Toyota-shi FIRST GIVEN NAME Joji	Japan  Tate 2 ZIP CODE/CPUMTAY Aichi-ken, 4/1-85/1 Japan  SECOND GIVEN NAME
	INVENTOR RESIDENCE & CITIZENSHIP POST OFFICE ADDRESS FULL NAME OF INVENTOR RESIDENCE &	Mizuno  Toyota-shi  Toyota-shi  O'O TOYOTA JIDOSHA KA  1. Toyota-cho  FAMILY NAME	Seiji  STATE OR FOREIGN COUNTRY Aichi-ken  SUSHIKI KAISHA Toyota-shi FIRST GIVEN NAME Joji  STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP  Japan  STATE & ZIP CODE/COUNTRY A1Ch1-ken, 4/1-85/1  Japan  SECOND GIVEN NAME  COUNTRY OF CITIZENSHIP
205 204	INVENTOR RESIDENCE & CITIZENSHIP POST OFFICE ADDRESS FULL NAME OF INVENTOR	Mizuno  Toyota-shi  Toyota-shi  O'O TOYOTA JIDOSHA KA  1. Toyota-cho  FAMILY NAME  Yoshimura  CITY  Toyota-shi	Seiji STATE OR FOREIGN COUNTRY Aichi-ken SISHIKI KAISHA Toyota-shi FIRST GIVEN NAME Joji STATE OR FOREIGN COUNTRY Aichi-ken	Japan  Tate & Zip CODE/COUNTRY Aichi-ken, 4/1-85/1 Japan  SECOND GIVEN NAME  COUNTRY OF CITIZENSHIP Japan
	INVENTOR RESIDENCE & CITIZENSHIP POST OFFICE ADDRESS FULL NAME OF INVENTOR RESIDENCE & CITIZENSHIP POST OFFICE	Mizuno  Toyota-shi  Toyota-shi  O'O TOYOTA JIDOSHA KA  1. Toyota-cho  FAMILY NAME  Yoshimura  CITY  Toyota-shi	Seiji  STATE OR FOREIGN COUNTRY Aichi-ken  SUSHIKI KAISHA TOYOTA-Shi FIRST GIVEN NAME JOJI  STATE OR FOREIGN COUNTRY Aichi-ken USHIKI KAISHA	Japan  STATE A ZIP CODE/COUNTRY AICHI-ken, 4/1-85/1 Japan  SECOND GIVEN NAME  COUNTRY OF CITIZENSHIP Japan  STATE A ZIP CODE/COUNTRY AICHI-ken, 4/1-85/1
	INVENTOR RESIDENCE & CITIZENSHIP POST OFFICE ADDRESS FULL NAME OF INVENTOR RESIDENCE & CITIZENSHIP	Mizuno  Toyota-shi  Toyota-shi  OTOYOTA JIDOSHA KA  1. Toyota-cho  FAMILY NAME  Yoshimura	Seiji  STATE OR FOREIGN COUNTRY Aichi-ken  SUSHIKI KAISHA Toyota-shi FIRST GIVEN NAME Joji  STATE OR FOREIGN COUNTRY Aichi-ken USHIKI KAISHA Toyota-shi	Japan  TATE & ZIP CODE/COUNTRY AIChi-ken, 4/1-85/1 Japan  ECOND GIVEN NAME  COUNTRY OF CITIZENSHIP  Japan  TATE & ZIP CODE/COUNTRY AIChi-ken, 4/1-85/1 Japan
	INVENTOR RESIDENCE & CITIZENSHIP POST OFFICE ADDRESS FULL NAME OF INVENTOR RESIDENCE & CITIZENSHIP POST OFFICE ADDRESS FULL NAME	Mizuno  Toyota-shi  CO TOYOTA JIDOSHA KA  1. Toyota-cho  AMILY NAME  Yoshimura  CITY  Toyota-shi	Seiji  STATE OR FOREIGN COUNTRY Aichi-ken  SUSHIKI KAISHA TOYOTA-Shi FIRST GIVEN NAME JOJI  STATE OR FOREIGN COUNTRY Aichi-ken USHIKI KAISHA	Japan  STATE A ZIP CODE/COUNTRY AICHI-ken, 4/1-85/1 Japan  SECOND GIVEN NAME  COUNTRY OF CITIZENSHIP Japan  STATE A ZIP CODE/COUNTRY AICHI-ken, 4/1-85/1
	INVENTOR RESIDENCE & CITIZENSHIP POST OFFICE ADDRESS FULL NAME OF INVENTOR RESIDENCE & CITIZENSHIP POST OFFICE ADDRESS	Mizuno  Toyota-shi  CO TOYOTA JIDOSHA KA  1. Toyota-cho  AMILY NAME  Yoshimura  CITY  Toyota-shi  CO TOYOTA JIDOSHA KAI  1. Toyota-cho	Seiji  STATE OR FOREIGN COUNTRY Aichi-ken  SUSHIKI KAISHA Toyota-shi FIRET GIVEN NAME  Joji  STATE OR FOREIGN COUNTRY Aichi-ken  USHIKI KAISHA Toyota-shi FIRET GIVEN NAME	Japan  TATE & ZIP CODE/CPUNTAY A1Ch1-ken, 471-8571 Japan  ECOND GIVEN NAME  COUNTRY OF CITIZENSHIP Japan  ETATE XIP CODE/CDUNTAY A1Ch1-ken, 471-8571 Japan  ETATE XIP CODE/CDUNTAY A1Ch1-ken, 471-8571 Japan  ECOND GIVEN NAME
205	INVENTOR RESIDENCE & CITIZENSHIP POST OFFICE ADDRESS FULL NAME OF INVENTOR RESIDENCE & CITIZENSHIP POST OFFICE ADDRESS FULL NAME OF INVENTOR RESIDENCE & INVENTOR	Mizuno  Toyota-shi  CO TOYOTA JIDOSHA KA  1. Toyota-cho  AMILY NAME  Yoshimura  CITY  Toyota-shi  CO TOYOTA JIDOSHA KAI  1. Toyota-cho	Seiji  STATE OR FOREIGN COUNTRY Aichi-ken  SUSHIKI KAISHA Toyota-shi FIRST GIVEN NAME Joji  STATE OR FOREIGN COUNTRY Aichi-ken USHIKI KAISHA Toyota-shi	Japan  TATE & ZIP CODE/COUNTRY AIChi-ken, 4/1-85/1 Japan  ECOND GIVEN NAME  COUNTRY OF CITIZENSHIP  Japan  TATE & ZIP CODE/COUNTRY AIChi-ken, 4/1-85/1 Japan
205	INVENTOR RESIDENCE & CITIZENSHIP POST OFFICE ADDRESS FULL NAME OF INVENTOR RESIDENCE & CITIZENSHIP POST OFFICE ADDRESS FULL NAME	Mizuno  Toyota-shi  FOST OFFICE ADDRESS  CO TOYOTA JIDOSHA KA  1. Toyota-cho  FAMILY NAME  Yoshimura  CITY  Toyota-shi  COT TOYOTA JIDOSHA KAP  1. Toyota-cho  FAMILY NAME  CITY	Seiji  STATE OR FOREIGN COUNTRY Aichi-ken  SUSHIKI KAISHA Toyota-shi FIRET GIVEN NAME  Joji  STATE OR FOREIGN COUNTRY Aichi-ken  USHIKI KAISHA Toyota-shi FIRET GIVEN NAME	Japan  Tate 2 if code/country Aichi-ken, 4/1-85/1 Japan  ECOND GIVEN NAME  COUNTRY OF CITIZENSHIP Japan  TATE 2 IF CODE/COUNTRY Aichi-ken, 4/1-85/1 Japan  ECOND GIVEN NAME  COUNTRY OF CITIZENSHIP  COUNTRY OF CITIZENSHIP
206 205	INVENTOR RESIDENCE & CITIZENSHIP POST OFFICE ADDRESS FULL NAME OF INVENTOR RESIDENCE & CITIZENSHIP POST OFFICE ADDRESS FULL NAME OF INVENTOR RESIDENCE & CITIZENSHIP	Mizuno  Toyota-shi  OTOYOTA JIDOSHA KA  1. Toyota-cho  FAMILY NAME  Yoshimura  CITY  Toyota-shi  COTOYOTA JIDOSHA KAI  1. Toyota-cho  FAMILY NAME	Seiji  STATE OR FOREIGN COUNTRY Aichi-ken  SUSHIKI KAISHA Toyota-shi FIRET GIVEN NAME  Joji  STATE OR FOREIGN COUNTRY Aichi-ken  USHIKI KAISHA Toyota-shi FIRET GIVEN NAME	Japan  TATE & ZIP CODE/CPUNTAY A1Ch1-ken, 471-8571 Japan  ECOND GIVEN NAME  COUNTRY OF CITIZENSHIP Japan  ETATE XIP CODE/CDUNTAY A1Ch1-ken, 471-8571 Japan  ETATE XIP CODE/CDUNTAY A1Ch1-ken, 471-8571 Japan  ECOND GIVEN NAME
206 205	INVENTOR RESIDENCE & CITIZENSHIP POST OFFICE ADDRESS FULL NAME OF INVENTOR RESIDENCE & CITIZENSHIP POST OFFICE ADDRESS FULL NAME OF INVENTOR RESIDENCE & INVENTOR	Mizuno  Toyota-shi  FOST OFFICE ADDRESS  CO TOYOTA JIDOSHA KA  1. Toyota-cho  FAMILY NAME  Yoshimura  CITY  Toyota-shi  COT TOYOTA JIDOSHA KAP  1. Toyota-cho  FAMILY NAME  CITY	Seiji  STATE OR FOREIGN COUNTRY Aichi-ken  BISHİKI KAISHA TOYOTA-Shi FIRST GIVEN HAME JOJI  STATE OR FOREIGN COUNTRY Aichi-ken USHİKI KAISHA TOYOTA-Shi FIRST GIVEN NAME  STATE OR FOREIGN COUNTRY	Japan  Tate 2 if code/country Aichi-ken, 4/1-85/1 Japan  ECOND GIVEN NAME  COUNTRY OF CITIZENSHIP Japan  TATE 2 IF CODE/COUNTRY Aichi-ken, 4/1-85/1 Japan  ECOND GIVEN NAME  COUNTRY OF CITIZENSHIP  COUNTRY OF CITIZENSHIP

I bereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

SIGNATURE OF INVENTOR 201	SIGNATURE OF INVENTOR 202	SIGNATURE OF INVENTOR 200
marish wase	Hitoshi Hamada	Shigeyuki Kawaten
DATE	DATE	DATE
December 14. 1998	December 14. 1998	December 14. 1998
BIGNATURE OF INVENTOR 201	BIGNATURE OF INVENTOR 205	BIGNATURE OF INVENTOR 206
Seiji mizuno	Joji Joshimura	•
DATE	DATE	DATE
December 14, 1998	December 14, 1998	
	<del></del>	

Patent and Trademers Office - U.S. DEPARTMENT of COMMERCE

page 2





U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

## PATENTS ONLY

Tab settings ⇒⇒⇒▼

<u> </u>					
To the Honorable Commissioner of Patents and Trademarks: Please record th	e attached original documents or copy thereof				
1. Name of conveying party(ies):	2. Name and address of receiving party(ies)				
Masayoshi Iwase, Hitoshi Hamada, Shigeyuki Kawatsu, Seiji Mizuno and Joji Yoshimura	Name: Toyota Jidosha Kabushiki Kaisha Internal Address:				
Additional name(s) of conveying parties attached?   Yes  No	Street Address:				
3. Nature of conveyance:  ☐ Assignment ☐ Merger ☐ Security Agreement ☐ Change of Name ☐ Other:  Execution date:	Additional name(s) & address(es) attached?□ Yes 图 No				
4. Application numbers or patent numbers: If this document is being filed together with a new applicatio	n, the execution date of the application is:				
A. Patent Applications	B. Patent No.(s)				
	·				
Additional Numbers at	tached?  Yes No				
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1				
Name: Edward W. Greason Internal Address: KENYON & KENYON	7. Total fee (37 C.F.R. 3.41)\$. 40.00  ☐ Enclosed  ☑ Authorized to be charged to deposit account				
Street Address: One Broadway City: New York State: New York ZIP: 10004	8. Deposit account number:  11-0600				
DO NOT USE THIS SPACE					
9. Statement and signature.  To the best of my knowledge and belief, the foregoing information original document.  Output  Description:	s true and correct and any attached copy is a true copy of the				
Patrick J. Fay (Reg. No. 35,508)  Name of Person Signing  Signature	12/18/98 Date				
Total	Number of pages including cover sheet, attachments and document: 3				
2012 N. 2054 2014 June 4/04)					

OMB No. 0651-0011 (exp. 4/94)

Do not detach this portion

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks Box Assignments Washington DC 20231

Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded, including time for reviewing the document and gathering the data needed and completing and reviewing the sample cover sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Office of information Systems, PK2-1000C, Washington D.C. 20231, and to the Office of Management and Budget, Paperwork Reduction Project (0605-0011), Washington, D.C. 20503

## **ASSIGNMENT**

WHEREAS, we, <u>Masayoshi Iwase, Hitoshi Hamada,</u>
Shiqeyuki Kawatsu, Seiji Mizuno and Joji Yoshimura , citizens
of Japan, residing at Anjo-shi, Aichi-ken, Japan, Susono-shi, Shizuoka-ker
Japan, Nishikamo-qun, Aichi-ken, Japan, Toyota-shi, Aichi-ken, Japan and
Toyota-shi, Aichi-ken, Japan
respectively, have invented new and useful improvements in
FUEL CELL AND SEPARATOR FOR THE SAME
for which we are about to make application for Letters Patent of
the United States, said application having been executed by us
on even date herewith; and
WHEREAS, TOYOTA JIDOSHA KABUSHIKI KAISHA
a Company of Japan, having its place of business at
1, Toyota-cho, Toyota-shi, Aichi-ken, 471-8571, Japan
(hereinafter referred to as the Assignee), is desirous of
acquiring the entire right, title and interest in and to the
application and the invention therein described and claimed and
any Letters Patent that may be issued upon the application or
for the improvements therein contained.

NOW, THEREFORE, for and in consideration of the equivalent sum of One Dollar (\$1.00) to us in hand paid, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned and transferred, and do hereby sell, assign and transfer unto the Assignee, its successors and assigns, the entire right, title and interest in and to the application and the invention therein contained, including the right to apply for any Letters Patent in the United States of America on the invention, any Letters Patent that may issue thereon or therefor, in the United States, and all reissues, extensions, renewals, divisions and continuations thereof, to the full end of the term or terms for which the Letters Patent may be issued,

the same to be held and enjoyed by the Assignee, its successors and assigns, the same as it would have been held and enjoyed by us if this Assignment and sale had not been made.

And we hereby authorize and request the Commissioner of Patents to issue all such Letters Patent to the Assignee, its successors and assigns, in accordance with this instrument of Assignment.

We hereby represent and warrant that there are no rights and interests outstanding inconsistent with the rights and interests granted herein and that we will not execute any instrument or grant or transfer any rights or interests inconsistent therewith, and we bind ourselves, our heirs, executors, administrators and legal representatives, as the case may be, to execute and deliver to the Assignee, its successors and assigns, any further documents or instruments and do any and all further acts that may be deemed necessary by the Assignee, its successors and assigns, to vest in the Assignee, its successors and assigns, the title herein conveyed, or intended so to be, and to enable such title to be recorded in the United States.

And we further covenant and agree, in consideration of the premises that we, our executors and administrators, will at any time upon request communicate to the Assignee, its successors and assigns, any facts relating to the invention and improvements and the history thereof, known to us or our executors and administrators, and that we will testify as to the same in any interference or other litigation when requested so to do by the Assignee, its successors and assigns.

IN TESTIMONY WHERE	OF, I have hereunto set my hand and
seal this 14 day of December	, 1998
	Morayon Chase
	MASAYOSHI IWASE
	(Name of Inventor)
IN TESTIMONY WHERE	OF, I have hereunto set my hand and
seal this 14 day of December	er, 1998.
	Totitoshi Humadici
	HITOSHI HAMADA (Name of Inventor)
WITNESSED BY:	
Kajur Jojima	
Name	
e de la companya de la companya de la companya de la companya de la companya de la companya de la companya de La companya de la	
Address	
WITNESSED BY:	The state of the s

Address

NY1-M:\EWG\GE07\63365

TIMONY WHEREOF, I have equinto set my hand and
seal this 14 day of December , 1998.
Shiqeyaki Lawatsu
(Name of Inventor)
IN TESTIMONY WHEREOF, I have hereunto set my hand and
seal this 14 day of December , 1998.
Seiji Trizumo
SEIJI MIZUNO (Name of Inventor)
WITNESSED BY:
Hideo Miyagi
Name
Address
WITNESSED BY:

NY1-M:\EWG\GE07\63365

Address

		IN	TESTIMONY	WHEREOF,	I	have	hereunto	set	my	hand	and
seal	this	14	day of .	December .	, :	199 <u>.</u> 8.					

JOJI YOSHIMURA Joji Yoshimura
(Name of Inventor)

WITNESSED BY:

Name Kobayashi

Address

NY1-M:\EWG\GE07\63418

Se de la company